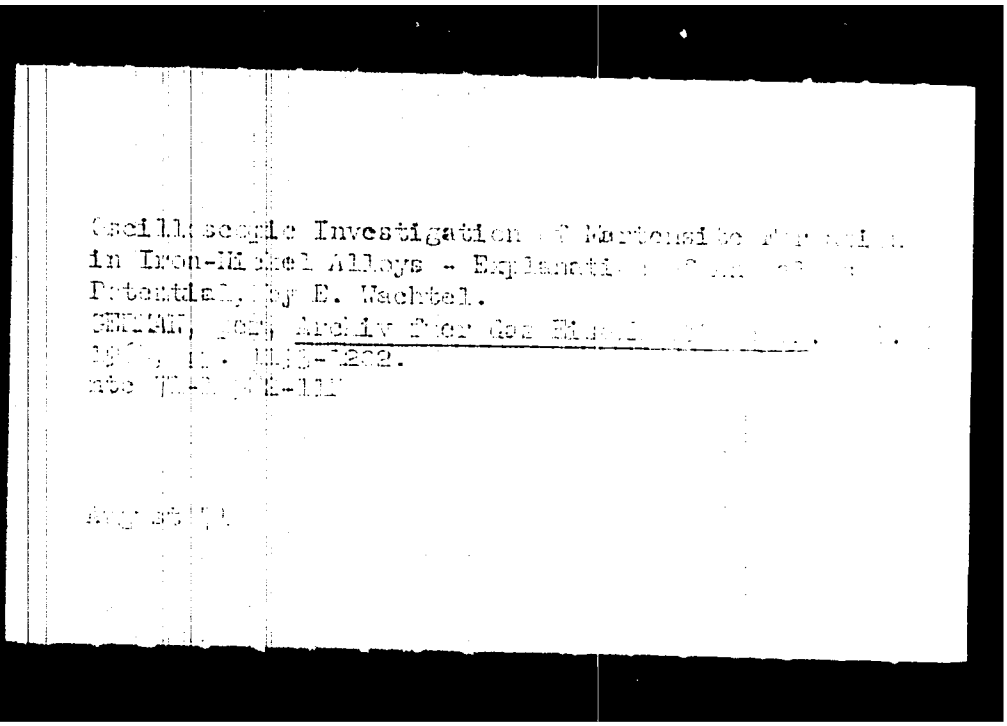
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4



Oscillographic Investigation of Martensite Formation
in Iron-Nickel Alloys - Explanation of the
Potential, by E. Wachtel.
GERMAN, [illegible] Archiv Fur Das Eisenhuttenwesen, v.
19[illegible], n. 11, p. 483-488.
Abs [illegible]-11

Ang 56 [illegible]

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Device for Electrical Long-Range Transmission Without Interference, 38 pp., by R. Schroter,

GERMAN, per, Arch Elek Uebertr, Vol I, No 1-2, Jul-Aug 1947, p 2-13.

SLA 57-2275

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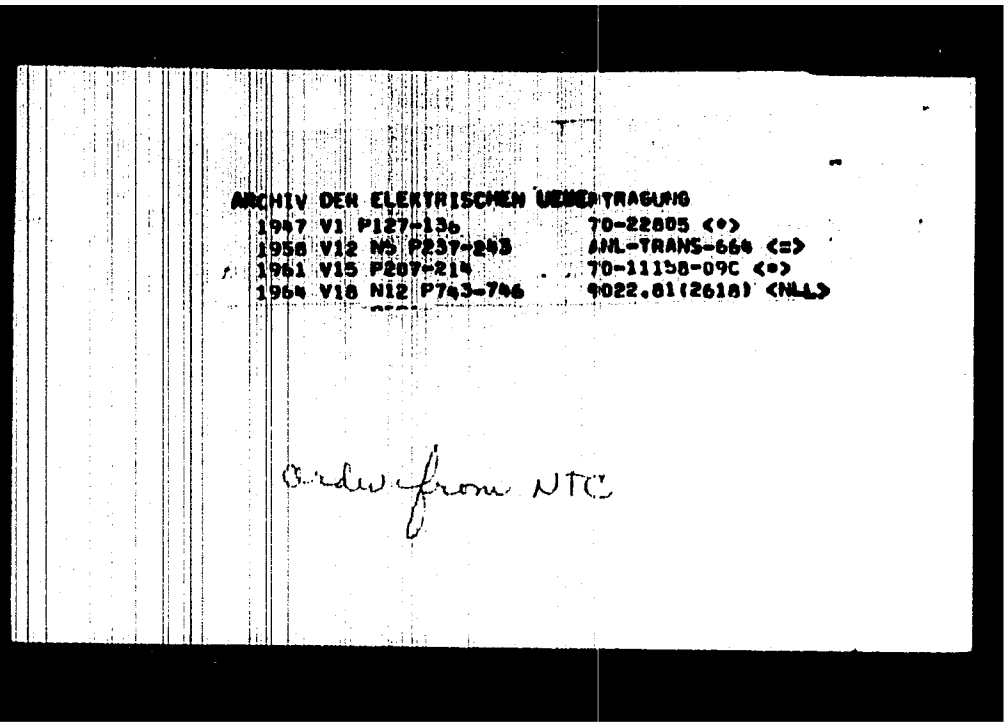

ARCHIV DER ELEKTRISCHEN UEBERTRAGUNG
1947 V1 P127-136 70-22805 <*>
1958 V12 N5 P237-243 AML-TRANS-664 <=>
1961 V15 P207-214 70-11158-09C <*>
1964 V18 N12 P743-746 9022.81(2618) <NAL>

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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On the Acoustic Boundary Layer Near Rigid Walls, by Lothar Cremer, 8 pp.

GERMAN, per, Arch Elektr Ubertrag Deutsch, Vol II, 1948, pp 136-139.

AEC Tr 2546

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Dielectric Properties of Various Glasses as a Function of Frequency and Temperature, by M. J. O. Strutt, 15 pp.
GOVERNMENT USE ONLY
GERMAN, per, Archiv Elektrotechnik, Vol 3, pp 715-722.
ARM/FSTC/IT-23-243-69

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The Efficiency-Level of the Traveling Wave Tube, by Oskar Doehler, Werner Kleen, 10 pp.

GERMAN, per, Archiv der Elektrischen Uebertragung, Vol IV, 1950, pp 207-212.

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The Analysis of Observations on the Ionosphere,
by W. Becker.
GERMAN, per, Archiv der Elektrischen Ubert. No 4,
Oct 1950, pp 391-400.
*NASA TT F 13,281

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oct 70

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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A Comparison of Double Refraction in a Crystal and in the Ionosphere, by Gunther Lange-Hesse, 32 pp.

Full translation.

GERMAN, per, Arkhiv Elekt Ubertragungs, Vol VI, No 4, 1952, pp 149-158.

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DRB Canada, T.26.eG.

Scientific - Geophysics

CIA 1503230

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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On the Theory of the Diffusion and of the Drift-Transistor, Part II. The Frequency Relation, by H. Kromer.

GERMAN, per, Archiv fur Elektrischen Uebertragung, Vol VIII, 1952, pp 363-369.

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A Measuring Bridge for 0.1 - 1,000 Mc/s, by H. Voigt, 7 pp.

GERMAN, per, Arch Elekt Uebertr., Vol VI, No 10, 1952, pp 414-418.

R.A.E. Farnborough 429

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A Quantitative Assessment of the Improvement of the "DF" Accuracy by the Use of a Visual Bearing Display, by H. Gabler, G. Gresky, M. Wachtler, 18 pp.

GERMAN, per, Arch Elektr Uebertragung, Vol VI, 1952, pp 507-513.

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The Complete System of Electromagnetic Natural Oscillations of Uniaxial Cavity Resonators, by Erich Hafner, 27 pp.

GERMAN, per, Archiv der Elektrischen Ubertragung, Vol VII, No 1, 1953, pp 47-56. 4061952

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Sci - Electron

211,304

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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Title:
Storage Reception and Differential Pictures in Television, by Fritz Schroter, 20 pp.

GERMAN
Source, per, Archiv der Elektrischen Ubertragung, Vol. VII, 1953, pp 63-70.

S.L.A. Tr 140/1956

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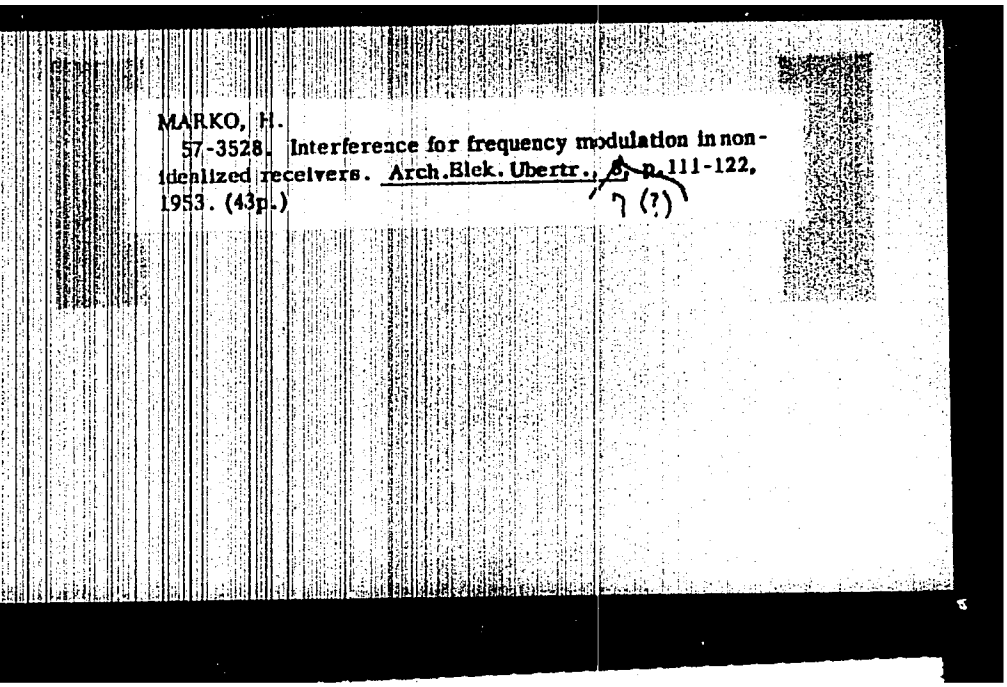

MARKO, H.

57-3528. Interference for frequency modulation in non-idealized receivers. Arch.Elek.Ubertr., 6, p.111-122, 1953. (43p.)

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The Behavior of Cables with Varying Characteristic Impedance for Television and Measuring Impulses, by H. Kaden.
GERMAN, per, Archiv der Elektrischen Ubertragung, Vol 7, No 3, 1953, pp 157-162.
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Towards the Development of an Absorber for Electromagnetic Waves, by Reinhard Muller, 18 pp.

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Orig rec'd 5 Oct 00-U-3655716

T-2030 Air Res and Dev Command

Scientific - Physics CTS/DEX

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

The Behaviour of Travelling Wave Tubes in the Dispersive Region of the Slow-Wave Structure, by W. Klein, W. Trix, 20 pp.

GERMAN, per, Archiv der Elektrischen Uebertragung, Vol VII, 1953, pp 236-248. CIA9017115

ACSIL Tr 926

Sci - Physics
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Typical Scattering Processes of Radio Frequency Radiation From Electron Clouds in the Sporadic M_2 Layer, by W. Becker.

GERMAN, pekr, Archiv der Elektrischen Uebertragung, Vol VII, No 8, 1953, pp 375-378.

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Ottawa, Ref C-2390

Sci - Electron, Geophys
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The Determination of the Voltage-Variation of the Electron-Beam of a Traveling Field Coil Filament Bulb, by Herbert Schnitger, 16 pp.

GERMAN, per, Archiv der Elektrischen Ubertragung; Vol VII, Sep 1953, pp 415-420.

S.L.A. Tr ~~mx~~ 786/1956

Sci - Electronics
Oct 56 CTS

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Correlation and Autocorrelation in Communication Engineering, by W. Meyer, 40 pp.

GERMAN, per, Arch Elek Uebertr, Vol VII, No 10, Oct 1953, pp 501-504, No 11, Nov 1953, pp 531-536.

SLA Tr 57-958

Sci - Engineering
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A Low-Loss Microwave Transmission Line, by F. J. Tischer, 16 pp.

GERMAN, per, Arch Elek Ubertr, Vol VII, 1953, pp 592-596.

SLA 57-3534

Sci

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Interference for Frequency Modulation in Non-idealized Receivers, by H. Merko, 43 pp.

GERMAN, per, Arch Elek Ubertr, Vol VIII, 1953, pp 111-122.

SLA 57-3528

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Harmuth, Henning.
TRANSMISSION OF SIGNALS BY INTEGRATION OF CODED SIGNALS. [1963] [17]p.
Order from SLA $1.60 63-14491

Trans. of Archiv der Elektrischen Übertragung (West Germany) 1954, v. 8, p. 132-136.

DESCRIPTORS: *Signals, *Transmission, Coding, *Integration, Pulse modulation, Probability, Signal-to-noise ratio, Telegraph signals, Integrators, *Communication theory.

With respect to susceptibility to noise and bandwidth, pulse code modulation is the most favorable type of modulation among those in use today. For the same transmission capacity it requires, however, still eight times the transmitting power of an ideal system. The reason is that, broadly speaking, the transmitted sig-
(Research Methods--Communication Theory, TT, v. 10, no. 3) (over)

63-14491

1. Title: Pulse code modulation
1. Harmuth, H.

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Systematic Investigations on the Influence of Geomagnetic Disturbance on the Daytime Limiting Frequencies of the F^2 Layer, by G. Lang-Hesse.

GERMAN, per, Arch Elek Ubertr, Vol VIII, 1954, pp 143-154.

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The Galvanomagnetic Amplifier, by H. J. Thuy,
32 pp. UNCLASSIFIED

GERMAN, per, Arch der Elektrischen Ubertragung,
Vol VIII, 1954, pp 217-222, 269-278. CIA 9030918

ACSIL Tr 872

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Aug 58

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Input and Output Coupling of Coaxial Laminated Lines, by H. Kaden, H. E. Martin, 51 pp.

GERMAN, per, Arch Elek Ubertr, Vol VIII, 1954, pp 367-403. (loan copy only)

SLA 57-2800

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Measurement of the Major Parameters Governing the Gain and Efficiency of Travelling Wave Tubes, by Werzner Klein, 16 pp. UNCLASSIFIED

GERMAN, per, Archiv der Elektrischen Ubertragung Vol VIII, 1954, pp 404-410. CIA 9030915

ACSIL Tr 924

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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Advances in the Statistics of Impedance
Irregularities of Television Cables, by H. Kaden,
23 pp.

GERMAN per, Arch Elek Ubertr Vol VIII, 1954,
pp 523-529.

SLA 58-34

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

New Points of View in the Design of Electron Guns for Cylindrical Beams of High Space Charge, by M. Muller, 12 pp.

GERMAN, per, Arch der Elektrischen Ubertragung, Vol IX, No 1, Jan 1955.

CIA/FDD/Z-224

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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Characteristics and Applications of Television Pickup Tubes With Photoconductive Targets, by W. Heimann, 24 pp.

GERMAN, per, Arch Elek Ubertr, Vol IX, No 1, Jan 1955, pp 13-19.

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Novel Mx Viewpoints for Computing Electron Guns for Cylindrical Beams of Great Current Density, by Martin Mueller, 19 pp.

GERMAN, per. Archiv der Elektrischen Ubertragung, Jan 1955, pp 20-28.

S.L.A. Tr 759/1956

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Space Charge Waves in Ion-Free Electron Beams,
by Johannes Latus, Klaus Poeschl, 17 pp.

GERMAN, per, Archiv der Elektrischen Ubertragung,
Jan 1955, pp 39-46.

XXXX S.L.A. Tr 745/1956

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Calculation of Waiting-times in Switching Equipment with Small Groups of Incoming Lines, by F. L. Bauer, H H. Stormer,

GERMAN, per, Archiv Der Elektrischen Ubertragung, Vol IX, No 2, pp 69-73. 1955

Chief Librarian, C.S.I.R.O.
314 Albert Street
East Melbourne, Australia
C. 2, Vic.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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Radic Interference ~~from~~ Caused by DC
Corona in a Coaxial Cylindrical Field, by H.
Heindl, 17 pp.

GERMAN, per, Arch Elek Ubertr, Vol IX, No 2,
1955, pp 93-98.

SLA 57-2389

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

63-10248

Unger, Hans-Georg.
THE CALCULATION OF RIDGE WAVE GUIDES.
[1962] 12p. 4 refs.
Order from SLA $1.60 63-10248

I. Unger, H.-G.

Trans. of Archiv der Elektrischen Uebertragung (West Germany) 1955, v. 9, no. 4, p. 157-161.

DESCRIPTORS: *Waveguides, Electrical properties, Design.

This paper calculates the cutoff frequency and characteristic impedance of cross sections of ridge wave guides for which the known formulas are no longer applicable, and gives thus design data for ridge wave guides of any desired cross section. For completeness the known calculations are also shown in a co-ordinated form. Numerical evaluations show that by the use of suitable cross sections the cutoff frequency and characteristic impedance can be varied within wide limits.
(Engineering--Electronic, TT, v. 9, no. 10)

Office of Technical Services

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A Contribution to the Theory of Transmitting Triodes, Considering Finite Transit Times, by Friedrich Huelster, 46 pp.

GERMAN, per, Arch Elektr Uebertrag, Vol IX, 1955, pp 207-220.

AEC NP 179

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Representation of the Transition between Forward and Barrier Potentials in Anequivalent Circuit Diagram for Slow Germanium Diodes, by G. Kohn, 20 pp.

GERMAN, per, Arch Elek Uebertr, Vol IX, 1955, pp 241-245. (loan copy only)

SLA 57-2784

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An Experimental Investigation and Resolution of the Causes of Noise in Junction Transistors, by W. Guggenbuhl, M. J. O. Strutt.

GERMAN, per, Arch Elektrotech Uebertrag, Vol IX, 1955, pp 259-269.

T.I.L. T.4688

Sci - Electricity

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Aug 1956

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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A Direct Iterative Method for the Hurwitz Factorization of a Polynomial, by F. L. Bauer, 20 pp.

GERMAN, per, Arch Elek Uebertr, Vol IX, 1955, pp 285-290.

SLA 57-3095

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Transient Phenomena During Amplitude and Frequency Modulation in Some Special Passive Circuits, by E. Henze.

GERMAN, per, Archiv Elektrischen Ubertragung, Vol IX, 1955, pp 326-338.

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Sci - Electricity

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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Measures to Reduce Noise and Increase Channel Capacity in Pulse Code Modulation, by F. Benz, a-15 pp; b-12 pp.

GERMAN, per, Archiv der Elektrischen Ubertragung, Vol IX, No 7, 1955, a) pp 299-306, b) pp 381-387.

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ATS/398-GJ

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Reflection in Helical Lines for Varying Helix Angle, by G. Piefke, 16 pp.

GERMAN, per, Arch Elek Ubertragung, Vol IX, No 8, 1955, pp 369-374.

SLA Tr 57-1455

Sci - Electronics
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

Henze, E.
INVESTIGATION OF A SPECIAL TRANSFORMATION OF THE TELEPRINTER ALPHABET AS VECTOR TRANSFORMATION. [1962] 7p. (refs. formulae figs. omitted).
Order from SLA $1.10 62-16968

Trans. of Archiv der Elektrischen Übertragung (West Germany) 1955, v. 9 [no. 11] p. 528-532.

DESCRIPTORS: *Teletype systems, *Coding, *Transformations (Mathematics), Matrix algebra, Data transmission systems.

By a reference to a particular example the paper shows, how to interpret and investigate representations of the teleprinter alphabet into itself (privacy coding) as linear vector transformations. A possibility of a technical realization of the chosen example is outlined and proves to be very simple. (Author)

62-16968

1. Henze, E.

(Research Methods--Communication Theory. TT. v. 10, no. 6)
Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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Improved Reception by the Diversity System, by R. Heidecker and E. Henne, 28 pp.

GERMAN, per, Arch Elek Ubertr, Mar 1956.

81A 57-2931

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English title unknown, by Heimann, Walter.
GERMAN, per, Archiv der Elektrischen Ubertragung,
Vol 10, 1956, pp 73-76.
*NASA TT F 13,069

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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The Frequency Microscope. A Recording Frequency Measuring Instrument of Very High Sensitivity, by G. Ohl, 15 pp.

GERMAN, per, Arch Elek Ubertr, Vol X, No 4, Ap 1956, pp 145-150.

SLA 57-2689

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Television Picture Tube, by H. Rothe and E. Gundert.

GERMAN, per, Archiv Der Elektrischen Ubertragung, Vol X, 1956, pp 188-194.

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A Method for the Routine Evaluation of the True Distribution of the Electron Density in an Ionospheric Layer, from the Ionograms of This Layer, by W. Becker.
GERMAN, per, Archiv der Elektrischen Uebertragung
No 10, Feb 1956, pp 207-214.
*NASA TT F 13,282

sci&arth sci
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

On the Dimensions of Helices in Travelling Wave Tubes, by Werner Klein, 11 pp.

GERMAN, per, Archiv der Elektrischen Ubertragung, N Vol X, 1956, pp 261-265. CIA 9014838

SLA 57-3350

ACSIL Tr 925

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

Wave Scattering and Meteoric Influence on Short Waves and the Neighbouring Ultra-short Waves, by H. Wieber.

GERMAN, per, Archiv der Elektrischen Uebertragung, Vol X, No 8, 1956, pp 343-352.

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GERMAN, per, Arch Elektrischen Uebertragung, Vol X, No 9, 1956, pp 389-394.

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Space Harmonics in Electron Beams, by R. Mueller,

GERMAN, per, Arch Elek Uebertragung, Vol X, No 12, 1956, pp 505-511.

ASTIA 308-GJ

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Electron Guns of High Permeance, by R. Hechtel, 10 pp.

GERMAN, per, Arch Elek Ubertr, Vol X, No 12, 1956, pp 535-540. (Loan Copy only).

SLA 57-3002
[illegible] Tech Div
535.56
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SLA 59-10874

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

Spurious Signals in the Image Orthicon Television Camera Tube, by R. Theile, F. Pilz. 34 pp
GOVERNMENT USE ONLY
GERMAN, per, Archiv. der Elektrischen Ubertragung, Vol 11, Jan 1957, pp 17-32.
NASA TT F-12992

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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Sporadic Ionization In the E-layer of the Ionosphere At Medium Latitudes by W. Becker.

GERMAN, per, Archiv Der Elektrischen Ubertragung, Vol,XI, 1957, pp 101-104.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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GERMAN, per, Archiv der Elektrischen Ubertragung, No 11, Dec 1957, pp 166-172.
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Theoretical Investigations on Some Diversity Procedures, by E. Henze, 34 pp.

GERMAN, per, Archiv d Elekt Ubertrag, Vol XI, No 5, 1957, pp 183-194.

SLA 57-3352

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S-4326 (NY-1677)

Experimental and Theoretical Investigation of Semiconductor Oscillators Based on the Hall Effect, by M. J. O. Strutt, S. F. Sun, 12 pp.

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CSIRO 199,214

Sci - Electron
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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Time Lag of Semiconductor Diodes in Pulse Operation and Its Physical Explanation, by Walter Henlein, 31 pp.

GERMAN, per. Arch der Elektrischen, Vol XI, No 10, 1957, pp 387-396.

SLA 59-10873

Sci - Electron
Sep 59
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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Cumulative Frequency Curves of the Ex-
centric Rayleigh Distribution and Their
Application to Propagation Measurements,
by Harry Zuhrt.
GERMAN, per, Archiv der Elektrischen
Ubertragung, Vol 11, No 12, 1957,
pp 478-484.

Sci-Elec
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Construction and Properties of Crystal [illegible]
lators of High Q-Factor, by Gerhard Berner, [illegible]

GERMAN, per, Archiv der Elekt Uebertr, Vol XII,
No 1, 1958, pp 15-25.

SLA 59-10664

Saf - Chem
Sep 59
Vol 2, No 2

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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Concerning [redacted] and Elements for the Matching of Waveguide Directional Couplers of Periodic Structure, by I. Lucas.

GERMAN, per, Archiv der [redacted]lektrischen Uebertragung, Vol XII, 1958, pp 91-96.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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Ternary MSwitching-Circuit Algebra, by Eugen Muhldorf.

GERMAN, per, Archiv der Elektrischen Uebertragung, Vol XII, No 3, 1958, pp 138-148. 9204989.

AEC-SCL-Tr-453

Sci - Math

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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Circuits for Ternary Switching Variables, by Eugen Muhldorf.

GERMAN, Per, Archiv der Elektrischen Uebertragung, Vol XII, No 4, April 1958, pp 176-182. 9203410

SCL-T-452

Sci - Electronics

Mar 63

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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Experimental and Theoretical Study of the Equivalent Circuit of More Recent High-Frequency Transistors, Especially Drift Transistors, by W. Guggenbuhl, W. Wunderlin, 22 pp.

GERMAN, per, Archiv der Elektrischen Übertragung, Vol XII, 1958, pp 193-202. 9081693

ACSIL Tr 1293

Sci - Phys

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

Standards Converter Using the Vidicon Camera, by W. Dillenburger.

GERMAN, per, Archiv der Elektrischen Uebertragung, Vol XII, No 5, 1958, pp 219-224.

CSIRO

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

Energy Considerations in Electron Beams, by H. Kogelnik, 15 pp.

GERMAN, per, Arch Elektr Uebertragung, Vol XII, No 9, 1958, pp 419-427.

ATS 17K28G

Sci - Phys
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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GERMAN, per, Arch Elek Uber, Vol. XII, No. 11, 1958, pp 510-514. 9076186

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Sci - Electron

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A Method of Hurwitz: Factorization of a Polynomial, by Rolf Unbehauen, 17 pp.

GERMAN, per, Archiv der Elektrischen Uebertragung, 1959, Vol XIII, No 2, pp 58-62.

SLA 59-17758

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Vol 2, No 8

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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Longitudinal-Slot Directional Coupler for H-Waves, by Helmut Pascher, 14 pp. GERMAN, per. Arch. der Elek. Ubertragung, Vol 13, No 2, 1959, pp 76-82. P911277168-V AEC-ANL-Tr-663

Sci/Elec
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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Filter Quartz Crystals in the 7-30 Mcs Frequency Range, by R. Bechman.

GERMAN, per, Archiv der Elektrischem Ub[illegible]
Vol XIII, No 2, 1959, p 90.

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Signal Transmission with Light Pulses, by
F. Frungel, G. Hands, 32 p.

GERMAN, per, Arch Elek Uebertragung, 1959,
Vol XIII, No 3, pp 121-131.

ATS-SOL330

ATS/2822-GT

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Vol 3, No 4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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The Investigation and Evaluation of Oxide Cathodes With the Aid of Test Tubes, by Gunhild Landauer, Werner Veith, 34 pp.

GERMAN, per, Archiv der Elektrischen Uebertragung, Vol XIII, No 5, 1959, pp 211-218.

SLA 60-14483

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Vol III, No 11

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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Reactance-Type Low Noise Straight Amplifier as a Pre-Stage in the UHF Range, by R. Maurer, K. H. Locherer, K. Bomhardt.

GERMAN, per, Archiv Elektrischen Ubertragung, Vol XIII, No 12, 1959, pp 509-524.

*TIL T 5143

Sci - Electron

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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Low-Noise Electron Beam Amplifier, by J. Labus.

GERMAN, per, Archiv Elektrischen Ubertragung,
Vol XIV, No 2, 1960, pp 49-53.

*TIL T 5151

Sci - Electron

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The Scattering Matrix of a General Interconnection of Multipoles, by Thomas-Alfred Abele.
GERMAN, per, Archiv der Elekt Uber, Vol 14, Part 6, 1960, pp 262-268.
CIA X-6996

May 69

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R-855

Archiv der Elektrischen Uebertragung, by H. G. Jungmeister

GERMAN, per, A. E. U. Vol XIV, No 7, July 1960, pp 317-324

*JPRS/US Army Ord Missile Command
Redstone Arsenal, Alabama

Sci - Electr
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

Paul, Adolf K.
ACTIVE HIGH FREQUENCY SPECTROMETER FOR IONOSPHERIC ECHO SOUNDING. III. DETERMINATION OF THE REAL FROM THE VIRTUAL REFLECTION HEIGHT, tr. by J. M. Sprecher. [May 61] [7]p.
Order from OTS or SLA $1.10 62-24059

Trans. from Archiv der Elektrischen Übertragung (West Germany) 1960, v. 14, no. 10.

DESCRIPTORS: *High frequency, *Spectrum analyzers, *Atmospheric sounding, *Ionosphere, *Echo ranging, *Electron density, Reflection.

(Earth Sciences--Atmosphere, TT, v. 9, no. 10)

62-24059

I. Paul, A. K.
II. Title: Determination ...
III. National Bureau of Standards, Boulder, Colo.

4-27-62
Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

Rawer, Karl.
ACTIVE HIGH FREQUENCY SPECTROMETER FOR IONOSPHERIC SOUNDINGS. II. SELECTION OF ECHO SIGNALS IN THE PRESENCE OF NOISE [Aktive Hochfrequenz Spektrometer für Ionosphärische Echolotung. II. Selektion der Echozeichen aus dem Störpegel] tr. by I. M. Sprecher. Nov 60 [12]p.
Order from OTS or SLA $1.60 62-24058

Trans. of Archiv der Elektrischen Übertragung (West Germany) 1960, v. 14, p. 373-379.

DESCRIPTORS: *High frequency, *Spectrum analyzers, *Atmospheric sounding, *Ionosphere, *Noise, *Echo ranging, *Angle of arrival, Radio reception.

(See also 62-24059)

(Earth Sciences--Atmosphere, TT, v. 9, no. 10)

62-24058

I. Rawer, K.
II. Title: Selection ...
III. Title: Selektion ...
IV. National Bureau of Standards, Boulder, Colo.

4-30-62
Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

On the Generation of Spurious Modes in Wave Guides Transitions, by K. Schnetzler. GERMAN, per, A.E.U., Vol 14, No 10, 1960, pp 425-431.
NLL Ref:5207 (Lib Trans 1341)

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

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Ulbrich, E. and Piloty, H.
THE DESIGN OF ALL-PASS, LOW-PASS, AND BAND-PASS NETWORKS WITH A CONSTANT GROUP DELAY WHICH IS APPROXIMATED IN THE TSCHEBY-CHEFF SENSE. [1961] 33p.
Order from ATS $35.45 ATS-02N54G

Trans. of Arch[iv der] Elektr[ischen] Ubertr[agung] (West Germany) 1960, v. 14, no. 10, p. 451-467.

DESCRIPTORS: *Electrical networks, Design.

(Engineering--Electrical, TT, v. 7, no. 4)

61-25658

I. Title: Tschebycheff sense
I. Ulbrich, E.
II. Piloty, H.
III. ATS-02N54G
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

New Distribution Function for the Telephone Traffic in Complete Connecting Arrangements, by H. Wagner.

GERMAN, per, Archiv der Elektrischen Ubertragung, Vol LIV, 1960, pp 508-514.

GB/110 in F.O./ 378

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

Heynisch, Hinrich.
THE RESONANT BACKWARD-WAVE OSCILLATOR, A GENERATOR OF MICROWAVES. [1961] 13p.
9 refs.
Order from SLA $1.60 61-20525

Trans. of Arch[iv der] Elek[trischen] Ubertragung (West Germany) 1960, v. 14, no. 12, p. 531-538.
Another trans. is available from ATS $16.65 as ATS-21N53G [1961] 13p.

DESCRIPTORS: *Backward-wave oscillators, Resonance, Operation, Electrical properties, *Microwaves, Generators, Oscillators.

(Engineering--Electronic, TT, v. 7, no. 2)

61-20525

I. Heynisch, H.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4

A Filter System with Favorable Pulse Properties, by Karl Uhl.
GERMAN, per. Arch. d. Elektr. Übertragung.
Vol 15, No 3, pp 109-114, 1961 9229614
AEC ORNL-Tr-528

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Nov 65 290,662

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900067-4